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A better ride, in every sense.



Air Instruction Manual

air

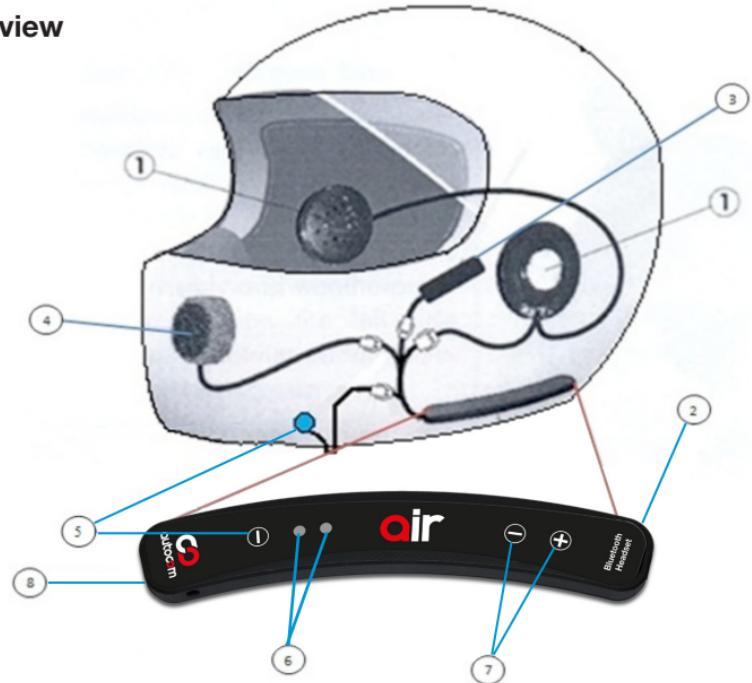
autocom
MOVING COMMUNICATION

The ultimate motorcycle audio / communication system



Autocom Air System Overview

- 1) Speakers
- 2) Autocom Air
- 3) Battery
- 4) Microphone
- 5) Multifunction Button
- 6) Blue/Red LEDs
- 7) Volume Controls
- 8) Charging Socket



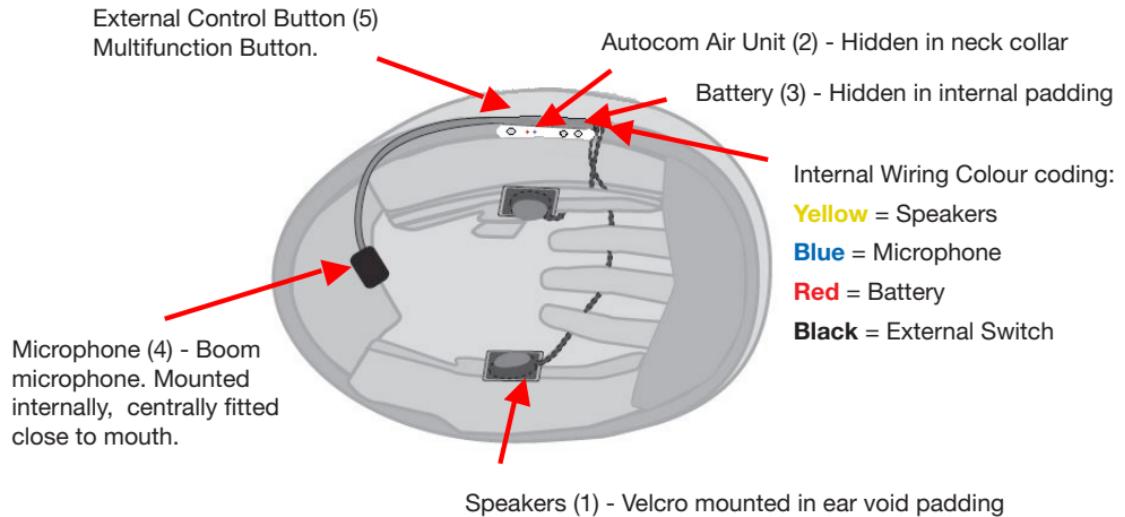
Important

Before installing and using the product, please read the following carefully, taking into account safety notices and warnings detailed in the NOTICES section.

Features of the Autocom Air

- The Autocom Air is compatible with Bluetooth devices that support A2DP, hands-free or headset profiles.
- Two Autocom Air units can be paired to form a Rider to Passenger or Bike to Bike intercom while retaining a connection to your Bluetooth enabled devices such as mobile phone, satellite navigation system or MP3 player.
- The Autocom Air is designed to enable invisible and weatherproof installation of the unit between the neck guard and padding of your helmet.
- When touring, the non-integrated battery design enables empty batteries to be quickly and easily exchanged with fully charged batteries.
- When using helmets without a neck guard, the unit can be fixed to the underside of the helmet with the protective bag included.
- All components are easily connected by colour coded plugs and labelled (Battery RED, Speaker YELLOW, Microphone BLUE, optional switch BLACK).

Typical Helmet Installation



Autocom Air Helmet Fitting

To Fit Helmet Speakers and Microphone

1. Mark in your helmet the position of your ear. This will allow you to take the full advantage of the system's sound quality*.
2. Remove the protective paper from the back of the Velcro fixing pads and place them below your markings in the helmet and apply pressure. Now place the speakers on the Velcro pads.
3. Route the speaker cables to the Air unit cable and connect to the YELLOW plug marked "R" and "L".
4. Remove the appropriate helmet padding and install the Autocom Boom Microphone, with the microphone element centrally positioned, beige side close to the mouth.
5. Route the Microphone cable and connect to the BLUE connector on the unit.**

*The closer the speakers are to the ears, the better the quality of the sound. The speakers can be placed under the foam padding for better comfort. However, check this padding does not degrade the sound quality.

**For open helmets a kit is available to provide a cover for the microphone to help protect against wind noise.

To Fit Helmet Battery

1. The battery should be fitted within the padding of the helmet in any convenient void.
2. Route the battery cable and connect to the RED connector on the Air unit.

To Charge the Battery

1. Plug the mains wall charger lead into the 2mm power socket on the air unit (8)+
2. The display will show a RED LED while charging and will automatically change to trickle charge upon completion and the RED LED will extinguish.++
3. Standard battery charge time 3 hours.+++

+ Never connect the charger if the battery is not connected to the Air unit.

++ If a battery has not been charged for a long time, the charging system may not start immediately. The Air will regenerate the battery and the charging control light will flash until the battery is conditioned.

+++ Never wear the helmet when charging the battery.

+++ The charger should be switched off and the battery disconnected immediately if any component gets hot.

Autocom Air Operation

To Switch-on and Switch-off

1. Switch On - Hold down the Multifunction Button (5) until you hear a beep.
2. Switch Off - Hold down the Multifunction Button (5) until you hear a beep, and a RED LED is momentarily seen on the unit.

Pairing to a Mobile Device

**Before installing/using your Autocom Air it is recommended that you pair it with your Bluetooth devices.*

1. Start with the Air unit switched-off and turn off all other Bluetooth devices not needed for the pairing.

2. Press and hold the Multifunction Button (5) until you hear a second beep and the indicator LEDs flash RED and Blue alternately. The Autocom Air is now ready to be paired with any compatible Bluetooth device.
3. On your mobile device, select the Bluetooth settings and scan for devices. You will see “AKE Stealth-HS-NG v3.00” listed as an available Bluetooth device, now connect to this device.
4. If asked for a code word, please enter 0000. (This may happen in future when the Air unit requests to connect to your mobile device).
5. The Autocom Air stops flashing RED and BLUE alternately when paired successfully. A single BLUE LED will then flash.

Pairing to a Second Autocom Air

**This mode of operation can be used in a rider / passenger or bike to bike scenario.*

1. Start with the Air units switched-off and turn off all other Bluetooth devices not needed for the pairing.
2. Press Multifunction Button (5) on both units in turn until you hear a second beep after switch on from the unit and the indicator LEDs flash RED and Blue alternately. The Autocom Air is now ready to be paired with any compatible Bluetooth device.
3. One short press on Multifunction Button (5) on either Air unit will now pair them together to form an intercom pairing.
4. The Autocom Air stops flashing RED and BLUE alternately when paired successfully. A single BLUE LED will then flash.

Delete Existing Pairings

If stored pairings that are no longer needed on the Autocom Air or are faulty it is possible to delete them. This will erase all pairings and all required devices must be repaired.

1. Enter pairing mode on the Air unit (indicator LEDs flash RED and Blue alternately) then hold down the **Multifunction Button** (5) button for 10 seconds (Count 10 times RED LED flash).
2. Pair with new mobile or navigation devices and your Air intercom unit.

Advanced Operation - Mobile Devices and Intercom Mode

1. **Adjusting Volume** - Volume is adjusted with the + and - buttons (7) on the Air unit. Note that media volume controls are available on your mobile device or satellite navigation system. Maximum and minimum volume is indicated by an audible beep tone.
2. **Using a Navigation System** - The Autocom Air is optimized for use with Garmin® satellite navigation systems. After the navigation voice announcements have ended, the intercom will automatically be reconnected if in use.
3. **Accepting and Ending Telephone Calls** - One short press on the Multifunction Button (5) accepts a call. End the call with one short press on the Multifunction Button (5) or wait until your calling partner hangs up. Note, some mobile devices allow activation of automatic call acceptance.
4. **Reject Telephone Call** - Two short presses on Multifunction Button (5) will reject a call.
5. **Last Number Redial** - To dial the last number called, two short presses of the Multifunction Button (5) will dial out. Note, any other number will need to be entered into your mobile device.

6. **Voice Control** (on compatible Mobile Devices) - Press the Multifunction Button (5) for 3 seconds to start voice control. You may have to wait for the confirmation tone, then clearly say the necessary command (refer to the user manual of the connected device).
7. **Intercom Mode** - When two Air units have been paired and both are switched on the intercom connection is available. Press the Multifunction Button (5) once on one of the Bluetooth helmet sets and a beep will signify that the intercom has been automatically connected.

Further Notes and Guidelines

- Adjust your mobile device such that the selected ring tone can be clearly heard in the helmet. For automatic call acceptance the ring tone length should not be too short to ensure that auto acceptance is activated if set.
- Not all mobile devices when switched on automatically connect with an Autocom Air. In this scenario the connection can be activated through the mobile device menu.
- Where a mobile device Bluetooth connection is available, the Autocom Air will automatically try to connect to it when switched on. Some mobile phones will ask for a confirmation (code 0000).
- The Autocom Air is a low power (Class 2) device and can provide a range of up to 250m (terrain and environment dependant) for bike to bike communication.
- During navigation announcements or phone conversations the intercom connection to the second helmet is blocked. After ending the phone call or navigation announcement, the intercom will automatically be reconnected. A control signal indicates that the intercom has been reactivated.

- To listen to music, the intercom connection must first be closed by a single short press of the Multifunction Button (5). An intercom partner can open the intercom mode again by pressing the Multifunction Button (5), and the music will be interrupted.
- Do not pair the same mobile device or satellite navigation system to two Air units that are simultaneously active as operation problems will occur. As an example, two Air units cannot both listen to the same satellite navigation system.
- Typical system; Intercom between rider and passenger (or bike to bike), rider satellite navigation and mobile device, passenger mobile device.



Technical Data

Bluetooth system

- Version: 2.0+EDR.
- Profile: Hands-free, headset and A2DP.
- Range: Low Power Class 2, free field up to 250m.

Battery and Charger

- Power supply (charger) 5V DC, 300mA.
- Battery Li-Ion/Polymer 3.75 V 240mAh.
- Charge time 2 - 3 hours.
- Navigation announcements 19 hours*.
- Continuous music transmission 6.5 hours*.
- Stand-by 3 days.
- Quiescent current 5mA, Stand-by current < 1µA.
- Wake-up time after stand-by < 27ms.

*Times are approximate and dependent on operating mode.

Audio Specifications

- Microphone noise compensated Electret close talking capsule.
- Speaker set 2 x 32 Ohm.
- Output power 2 x 0.2 Watt.
- Frequency range: 20 Hz to 20 KHz.
- Signal/noise suppression (SNR): 105 dB.

NOTICES

For additional information please visit our website at

www.autocom.co.uk

or contact us at: support@autocom.co.uk

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European CE Notice

Your Autocom Air (the "Product") is in conformity with the following essential requirements of Council Directive 1999/5/EC (referred to as R&TTE Directive): Articles 3.1a, 3.1.b and 3.2. The Product is manufactured in accordance with Annex II of the above directive.

Declaration of Conformity (DOC)

The Product is compliant with and adopts the Bluetooth® Specification 2.1 and has successfully passed all interoperability tests that are specified in the Bluetooth® specification. However, interoperability between the device and other Bluetooth®-enabled products is not guaranteed.

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IMPORTANT SAFETY AND WARRANTY INFORMATION – WAIVER AND GENERAL RELEASE WARNING:

Tecstar Ltd., ("Autocom" or the "Company") notifies you that your complete and undivided attention is required when using a communication device (the "Product") while riding. Failure to avoid potentially hazardous situations could result in accident resulting in serious injury or death.

Autocom advises you to take all necessary precautions and remain alert to the traffic, weather and all road conditions. It is best to stop away from traffic prior to activating or deactivating the Product or initiating or receiving any calls.

Do not perform pairing, linking or similar operations while riding. All publications are intended to address technical capabilities and should not be construed as encouraging the operation of Autocom's Products in any manner that is unsafe or prohibited by law.

Exercise all due caution while using this Product and obey all applicable traffic laws. Always ride and use the Product in a safe manner. Do not become distracted by the Product while riding on a vehicle. When riding, always consider road, traffic, terrain and other conditions to maximize safety. Do not operate the Product if it becomes unsafe to do so.

In some regions or states, the use of mobile communications systems is prohibited or restricted. Check all laws and regulations that apply to your region before using the Product and be mindful that compliance with all laws and regulations is the user's responsibility. Use the Product in motion only where and in the manner that such devices are permitted by applicable law. The Product should not be used in contravention of local, state or country laws and regulations. Please check country, state and local laws and regulations before using your Autocom Product.

No part of the body should come in contact with the antenna during operation of the equipment. Use Product only where safe, and avoid usage at petrol stations, fuel depots or around explosives. Use with hearing aids and medical devices only after consulting a physician or specialist. Make sure to install and mount the Product in a stable manner.

HEALTH WARNINGS:

Hearing Loss

Audio devices can cause hearing loss. Employ care and avoid exposure to excessive volume levels that may damage or impair hearing or lead to hearing loss. Permanent hearing loss may occur if Products are used at high volume for prolonged periods of time. **RF Signals**

Most electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals emanating from your wireless equipment.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of about six inches (or 16 cm) to be maintained between a mobile phone or wireless device and a pacemaker to avoid potential interference with the pacemaker. Be sure not to interfere with the functionality of personal medical devices.

Hearing Aids

Some devices may interfere with certain hearing aids. In the event of such interference, you should consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device and/ or your physician to determine if it is adequately shielded from interference caused by external RF energy. Your physician may be able to assist you in obtaining this information.

LIMITED WARRANTY

Subject to the applicable laws and regulations in your jurisdiction, your Product is covered by a One-Year Limited product warranty from the date of original purchase. Please retain the retail sales receipt and your registration data for proof of purchase.

Subject to the aforementioned, Autocom hereby represents that this Product is warranted to be free from defects in materials or workmanship (proof of purchase and registration required). Within the subject period, Autocom will, at its sole option, repair or replace any components that fail in normal use. Such repairs or replacements will be made at no charge to the customer for parts or labour, provided that the customer shall be responsible for any shipping cost. This warranty does not cover failures due to abuse, misuse, accident or unauthorized alteration or repairs.

This Product is intended to be used only as a communication and entertainment device and should not be used in any location or jurisdiction where its use is prohibited.

The warranties and remedies contained herein are exclusive and in lieu of all other warranties express, implied or statutory, including any liability arising under any warranty of merchantability or fitness for a particular purpose, statutory or otherwise that Autocom specifically disclaims. This warranty gives you specific legal rights which may vary from jurisdiction to jurisdiction. Autocom makes no other warranties

express or implied beyond those stated specifically herein. This warranty is extended by Autocom solely to the original purchaser and is not assignable or transferable to others. Autocom assumes no obligation or liability for additions or modifications to this warranty unless made in writing and signed by an officer of the company.

Batteries are warranted only if the battery capacity falls below 50% of rated capacity or if the battery develops leakage.

IMPORTANT: Do not store your Product without charging it from time to time for periods in excess of six months, as this may cause irreversible damage to the capacity of your battery. Your warranty will not cover such events.

This warranty also becomes void if:

- a. any of the seals on the case or battery are broken or Product or battery show signs of tampering,
- b. the battery is used in equipment other than the equipment for which it was intended.
- c. the Product is used in contravention of its intended purpose
- d. the Product was purchased from online auctions

Autocom assumes no responsibility resulting from the use of non-Autocom components or products in conjunction with its Products, and specifically the use of third party chargers or Bluetooth® devices. Furthermore, Autocom is not responsible for any damage to any part of the Product resulting from the use of ancillary equipment not furnished by Autocom which is attached to or used in connection with the Product.

Not covered by the warranty:

1. Defects or damage resulting from the use of this Product in other than its normal and customary manner.
2. Defects or damage from misuse, accident or neglect.
3. Defects caused by improper operation, maintenance, installation, adjustment or modification of any kind (incl. long-term storage without periodic charging of the battery).
4. Products opened, disassembled or repaired by non-authorized parties.
5. Defects or damage due to exposure to excessive temperatures, adverse weather conditions, external impacts or spills of food or liquid.
6. All plastic surfaces and all other externally exposed parts that are scratched or damaged after purchase.

Disclaimer of Warranty

Autocom disclaims all express and implied warranties with regard to the enclosed device including without limitation any implied warranties of merchantability, fitness for a particular purpose, and non-infringement. The device and its accessories are provided "as is" and "as available" without warranty of any kind beyond those assumed in the enclosed manual.

LIMITATION OF LIABILITY In no event shall Autocom be liable for any incidental, special, indirect, punitive, exemplary or consequential damages, whether resulting from the use, misuse, or inability to use this product or from defects in the product, or for any damages

whatsoever resulting from the use of the product, whether based on breach of contract, tort (including negligence), product liability or otherwise even if advised of the possibility of such damages. You acknowledge and agree that the limitations set forth above are fundamental elements of this agreement to which you consent and without which the product would not be provided to you absent such limitations. Some states do not allow certain exclusions of incidental or consequential damages, so the above limitations may not apply to you. Autocom retains the exclusive right to repair or replace (with a new or newly-refurbished replacement Product) the device or software or give a refund of the purchase price at its sole discretion. **SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.**

Warranty Service

To obtain warranty service, download the RMA form from www.autocom.co.uk. Please present/send your product, along with your completed RMA form and receipt of sale to Autocom.

Online Auction Purchases: Online auction confirmations are not accepted for warranty verification. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required. Autocom will not replace missing components from online auction sites.

Other manufacturers: Autocom is not responsible for and expressly disclaims any responsibility for how Autocom Products are used or misused arising out of use with products, services or information of other vendors.

WAIVER AND GENERAL RELEASE

By using the Product, you will waive substantial legal rights including the right to sue. Please read the following carefully before using the Product.

By using the Product, you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including solicitors fees) and holding Autocom harmless for any bodily injuries, harm or death as well as losses or damages in goods, to any vehicles including your own, or to any property or asset that belong to you or to third parties, any of which may result from using the Product under any circumstances or conditions and irrespective of jurisdiction.

1. You, your heirs, legal representatives, successors or assigns, hereby voluntarily and forever release, discharge, indemnify and hold harmless Autocom from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from using the Product for any distress, pain, suffering, discomfort, loss, injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE NEGLIGENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to the fullest extent permitted by law.

2. You fully understand and assume the risks in using the Product, including risk of negligent acts or omissions by others. All risks for operating the Product are assumed solely by the user of the Product.
3. You confirm that you are physically capable to use the Product and that you have no medical conditions or needs that may infringe upon your abilities to do so in a safe manner. You further confirm that you will not consume any alcohol that may affect your alertness or any mind-altering substance, and will not carry, use or consume these substances before or during the use of the Product.
4. You fully acknowledge our warnings and understand that:
 - (a) risks exist in using the Product while in traffic, including but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability;
 - (b) these risks may be caused by the negligence of the manufacturers or its agents or any third party involved in the Product;
 - (c) these risks and dangers may arise from foreseeable or unforeseeable causes. You hereby assume all risks and dangers and all responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of others, including Autocom.
5. By using the Product, you confirm that you have read this release of liability and fully understand and accept its terms and conditions.

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Other Autocom products



Autocom Logic and
Logic Instructor System



Autocom Spa

find out more at www.autocom.co.uk



**Rider/Passenger
Intercom**
(Dual kit required)



Smartphone



GPS



Bike to Bike
(Subject to terrain)

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MOVING COMMUNICATION

The ultimate motorcycle audio / communication system